

Chapter 9: Environmental Pollution

Assessment Zone :

I. Tick the correct option:

1. a

2. b

3. a

4. c

5. a

II. Fill in the blanks :

1. smoke, fog

2. waste

3. human ears

4. Liquid waste

5. noise

III. Match the following:

1. d

2. a

3. b

4. c

IV. Answer in brief:

1. Four main types of pollution are air, water, land and noise pollution

2. Air pollution is caused by smoke and dust.

3, Water pollution can cause several diseases like cholera, jaundice, typhoid and diarrhoea,

4. Decibel is the unit used to measure intensity of sound.

5. Natural events that pollute the air include forest fires, pollen explosion, sandstorms and volcanic eruptions.

Answer the following questions:

1. Noise pollution is caused by any sound that is unwanted, unpleasant and loud. Loud horns of vehicles, bursting of crackers, using loudspeakers during festivals, weddings, etc. are the major causes of noise pollution

2. Some of the ways to save the environment are:

- Reduce, recycle and reuse the resources.
- Plant a tree for every tree being cut.
- Save fuel, since burning of fuels causes air pollution

- Walk or cycle for short distances to save fuel
- Reduce the use of unnecessary materials.
- Polythene bags cause land pollution. Use a cloth or paper bag for shopping

3. Air pollution causes a serious problem as it does not allow the sunlight to reach the earth's surface by forming a dense and opaque layer. All life forms- humans, animals and plants, get affected by air pollution Inhaling polluted air leads to diseases and other respiratory disorders in both humans and animals. Plants are unable to prepare their food properly in polluted air, and thus, their growth slows down.

4. The major causes of land pollution are:

- Solid waste from homes and factories
- Liquid waste from hospitals and industries
- Agricultural waste
- Refuse from mining activities
- Plastic waste accumulation

5. Human activities which pollute the water are enlisted below:

- Draining sewage waste into rivers
- Domestic and agricultural waste from fields flushed into waterbodies

- Dumping chemicals and toxic waste from factories
- Washing clothes and throwing garbage into rivers
- Allowing animals (cattle and livestock) to bathe and defecate in and around waterbodies.